Program Description/Textbook or Print Instructional Material

Vendor: Pearson Education, Inc., publishing as Pearson Prentice Hall   Web Address: www.phschool.com

Title: **Prentice Hall Technology Applications Student Worktext with Online Access**

Author: Prentice Hall Editorial   Copyright: 2004

ISBN: 0-13-036507-6   Course/Content Area: Exploratory Computers

Intended Grade or Level: 6-8   Readability Level: 5-6

List Price: $ 73.29   Lowest Wholesale Price: $ 54.97

Level of Accommodations (Level One, Two, or Three)   One

If Level Two or Three, please provide rationale for not meeting Level One Compliance.

FEATURES

DISCLAIMER: The features of each book or program were developed by the publisher and do not reflect the opinion of the State Review Team, State Textbook Commission, nor of the Kentucky Department of Education.

Content

A true online textbook which allows for classroom content to be constantly updated with the rapid change in technology. The online content presents computer applications for the most popular software tools and can be taught and accessed by each software application (word processing, spreadsheets, etc.) or by cross-curricular applications. Activities are organized by subject and provide applications of technology in English Language Arts, Math, Science, and Social Studies context. Online Access is provided and activities can be assessed online. A CD-ROM is also part of the learning package.

Student Experiences

The text materials provide students with interactive tutorials and flexible access of activities. Numerous interactivities extend learning and allow students to check their understanding of key concepts. Comprehensive Projects integrate all students have learned about technology applications.

Assessment

A built in assessment helps students understand each concept and the Comprehensive Projects integrate all students have learned about technology applications. An Assessment Manual and CTB Disc along with a Teacher's Management Guide is a part of the total package available to teachers. A Teacher's Resource Box is also available if desired.

Organization

The *Prentice Hall Technology Applications Online Worktext* begins with a review of keyboarding essentials followed by 5 Units - Exploring Computer Systems, Exploring Application Software, Exploring Graphics and Multimedia, Exploring Communications and Networks, and Exploring Online Resources. Each Unit contains 3-4 chapters, each beginning with an introduction to concepts and a chapter outline and concluding with Use the Vocabulary, Check Your Comprehension, Think Critically, and Extend Your Knowledge. Lessons within the chapters include topics ranging from What Is a Computer? and Creating a Document to Local Area Networks and Web Browsing and Research. At the

end of each lesson, the Demonstrate Your Knowledge feature lets the student show what he has learned through Critical Thinking Questions and Activities. The text closes with a Glossary and Index.

Resource Materials

- **Gratis Items To Be Provided And Under What Conditions**
  Free upon request, 1 per teacher user with a minimum purchase of 20 Technology Applications Student Editions:
  ❧ Teacher Management Guide
  ❧ Teacher iText Access
  ❧ ExamView CD-ROM
  ❧ iText CD-ROM
  ❧ Student Blackline Masters

- **Available Ancillary Materials**
  iText CD-ROM

RESEARCH DATA/EVIDENCE OF EFFECTIVENESS

DISCLAIMER: The research data and evidence of effectiveness was provided by the publisher and does not reflect the opinion of the State Review Team, State Textbook Commission, nor of the Kentucky Department of Education.

These text and online materials as well as the electronic components have been thoroughly reviewed and tested by educators and experts in the field to assure accuracy, currency, and suitability for today's students in the computer classroom.

Group V - Career/Technical Vocational/Practical Living Education Instructional Materials Evaluation Tool Technology Education

Title: Technology Application $54.97	
Publisher: Pearson Prentice Hall	
Item Evaluated: Online worktext/Teacher's Management Guide	
Copyright Date: 2004	**Evaluator: Kay Turne**
Content Level: 6-8	**Date of Evaluation 7/28/03**

Level of Alternative Format	Level 1 – Full Compliance	Level 2 – Provisional Compliance	Level 3 – Marginal Compliance
This section completed by Exceptional Children Services			

Overall Strengths and/or Weaknesses

Disclaimer: Comments on the strengths and/or weaknesses of each book, material or program were written by members of the State Textbook/Instructional Materials Review Team and reflect their opinions . They do not reflect the opinions of the State Textbook Commission nor the Kentucky Department of Education. In addition, the State Textbook/ Instructional Materials Review Team completed each evaluation form during the week of July 28-Aug. 1, 2003. In order to maintain the integrity of the of the review team's comments, editing was limited to spelling and punctuation.

Recommendations:
X Recommended by reviewers to State Textbook Commission
☐ Not recommended by reviewers to State Textbook Commission

Publisher's Explanation of Reviewer's Comments: By action of the State Textbook Commission, publishers are provided limited space, 150 words, to respond to what they may consider factual errors made by the reviewers in the evaluation.

Group V - Career/Technical Vocational/Practical Living Education Instructional Materials Evaluation Tool Technology Education

Title:	Publisher

Technology Management Summary Data:	20 possible points	__18_____ points earned

Technology Management Comments:
Wonderful Instructional Material

Technology Presentation/Interface Summary Data:	40 possible points	__36_____ points earned

Technology Presentation/Interface Comments:
Wonderful Instructional Material

Content Summary Data:	20 possible points	__20_____ points earned

Content Comments:
Wonderful Instructional Material

Instruction & Management Summary Data	52 possible points	___52_____points earned

Instruction & Management Comments:
Wonderful Instructional Material

Organization & Structure Summary Data	36 possible points	___36_____ points earned

Organization & Structure Comments:
Wonderful Instructional Material

Resource Material Summary Data	40 possible points	__40_____points earned

Resource Material Comments:
Wonderful Instructional Material

Group V - Career /Technical & Vocational/Practical Living
Electronic Instructional Media Review Form
Stand Alone/Independent or Integrated Software for Technology Education

Equipment (circle or change fill color)	Grade Level (circle or change fill color)	Audience (circle or change fill color)	Format (circle or change fill color)
Windows	Primary	Individual	Stand Alone/Independent
Macintosh	Intermediate	Small Group	Integrated
CD-ROM	Middle	Large Group	Supplemental
DVD	High		In lieu of basal test
Sound			
Other			

If other, explain

Cost _____

____X___single copy	_____site license
_____network version	_____school version
____lab pack of ___ copies	____X__online

Type of Software: Check all that apply	_____Simulation	_____Management	_____Interdisciplinary	__X__Problem Solving	____Tutorial
_X__Exploratory	_____Creativity	__X___Drill and Practice	_X__Critical Thinking	_____Utility	_____Other:

Rating Scale:	3—Some of the time	1—None of the time
4—All or the time	2—Minimally	0— Not applicable

Management	Rating
Allows customizing for individual learning needs.	3
Allows students to exit and resume at a later time.	3
Keeps a students performance record, where needed.	4
Allows control of various aspects of the software (e.g., turning sound off).	4
Allows for printed reports.	4
Comments:	**Total 18**

Presentation/Interface	Rating
Presents material in an organized manner.	4
Has consistent, easy-to-use, on-screen instructions.	4
Has developmentally correct presentation format.	4
Adapts to different learning environments (learning styles/multiple intelligences, etc.)	4
Accessible for special needs students.	3
Runs smoothly, without long delays.	3
Presents easy-to-view text and graphics.	3
Presents easy-to-hear and understand sounds.	3
Avoids unnecessary screens, sounds, and graphics.	4
Provides immediate, appropriate feedback.	**4**
Comments:	**Total 36**

Content—Technology Education	Rating
Nature of Technology	4
Technology and Society	4
Design	4
Abilities for a Technological World	4
The Design World	4
Comments:	**Total 20**

Rating Scale:	2—Minimally
4—All or the time	1—None of the time
3—Some of the time	0— Not applicable

Instruction and Assessment	Rating
Identifies a Sense of Purpose	4
Builds on Student Ideals	4
Engages Students	4
Develops Technology Ideas	4
Promotes Student Thinking	4
Assesses Student Progress	4
Enhances The Learning Environment	4
Reading level is appropriate for interest and ability level of intended student group; level remains consistent throughout.	4
Commonwealth Accountability Testing System (CATS) "like" Assessment is provided	4
Variety of Assessments (diagnostic, formative, summative, open response, multiple choice, individual, small group, oral, demonstrations, presentations, self and peer performance, portfolio prompts) is included.	4
Includes activities and opportunities for integration of technology.	4
Reflects researched-based practices (e.g. hands-on activities, technology, problem-solving situations)	4
Differentiation techniques and activities suggested.	4
Comments:	**Total 52**

Rating Scale:	3 – Some potential for learning	1 - Not present
4 – High potential for learning	2 – Little potential for learning	0 – Not applicable

Organization and Structure	Rating
Organization is logical and allows for spiraling of content.	4
Vocabulary and key terms are clearly defined and easily accessible within each lesson.	4
Visual illustrations (e.g. graphs, charts, models) and examples are clearly presented and content-related.	4
Illustrations and language reflect diversity (e.g. racial, ethnic, cultural, age, gender, disabilities).	4
Legible type, length of lines, spacing, and page layout and width of margins contribute to overall appearance and use.	4
Student materials seem durable and conducive to daily use.	4
Includes sufficient glossary, index and appendices.	4
Employs accurate grammar and spelling	4
Organization of material can be effectively used with Standards Based Units, Core Content and Program of Studies.	4
Comments:	**Total** **36**

Resource Materials	Rating
Teacher materials coordinate easily with student materials (e.g. additional resources included at point of need, student pages shown, integration of technology indicated)	4
Activities are included that adapt to the various learning styles, intelligences, and interest/ability levels.	4
Extension activities including adaptations and accommodations for students with special needs.	4
Resources provide objectives, background information, common student errors, hints, advice for lesson implementation and real-world connections, connections with career and/technology and references (e.g. solution manuals, study guides)	4
Suggestions are made for integration of themes and /or interdisciplinary instruction.	4
Integration opportunities suggested and examples given.	4
Teacher resources are available online.	4
Online resources available – Repeat of information in text.	4
Online resources available – Practice skills only.	4
Online resources available – New application materials.	4
Comments:	**Total** **40**

Rating Scale:	2—Minimally
4—All or the time	1—None of the time
3—Some of the time	0— Not applicable